ABSTRACT OF THE DISCLOSURE

An improved mold for making a golf ball comprises a pair of mold cups which are assembled together at an angular interlock. An upper mold cup has a projection rim that mates with a recess in the lower mold cup to provide for a substantially perfect registration, wherein the shift on the molded golf ball is minimized, and the parting line has a minimal amount of flashing that needs to be removed. The upper and lower mold cups have mating surfaces that can produce a corrugated parting line. Each mating surface comprising a plurality of peaks and valleys which are created by multiple radii, whereby when assembled the parting line follows the dimple outline pattern and allows the dimple outline pattern of one mold cup to interdigitate with the dimple outline pattern of the mating mold cup, to form a golf ball of substantially seamless appearance.